

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)
Week 49 (12/05/2021- 12/11/2021)

COCONINO COUNTY
December 17, 2021



Situation Summary

MMWR Week 49 (12/05/2021-12/11/2021)

A total of 26,202 positive COVID-19 cases have been reported among Coconino County residents from March 15, 2020 – December 11, 2021.

Deaths: 380 (1.5% of cases)

Probable Deaths: 5

Recovered Cases: 24,016

(92% of cases)

Hospitalizations: 1,823

(7.0% of cases)

Total Fully Vaccinated: 75,461

(56.2% of the eligible population)

Cases Reported Week 49 (December 05, 2021 - December 11, 2021):

**359
Positive
Cases**

**63%
Not Fully
Vaccinated**

**253.7
Rate per
100,000**

**9.6%
Positivity
Yield**

**8.8%
COVID-Like
Illness****

Community Transmission

Coconino County is currently at a **High** ** level of community transmission.

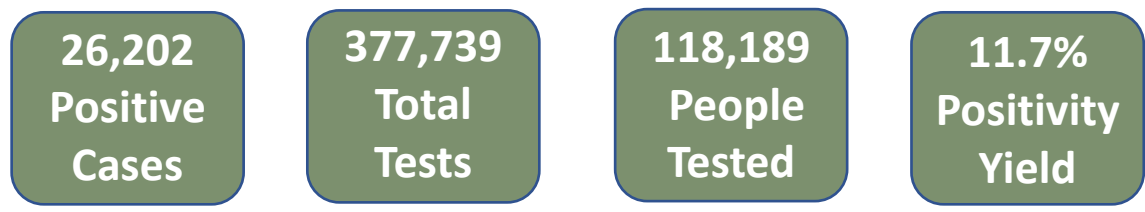
Indicator	Low Transmission	Moderate Transmission	Substantial Transmission	High Transmission
Total new cases per 100,000 persons in the last 7 days	0-9	10-49	50-99	≥100
Percentage of PCR tests that are positive during the past 7 days	<5.0%	5.0% - 7.9%	8.0% - 9.9%	≥10.0%

The Arizona Department of Health (ADHS) defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

* CLI is reported using hospital surveillance at the county level. Banner Page and Flagstaff Medical Center are reporting CLI.

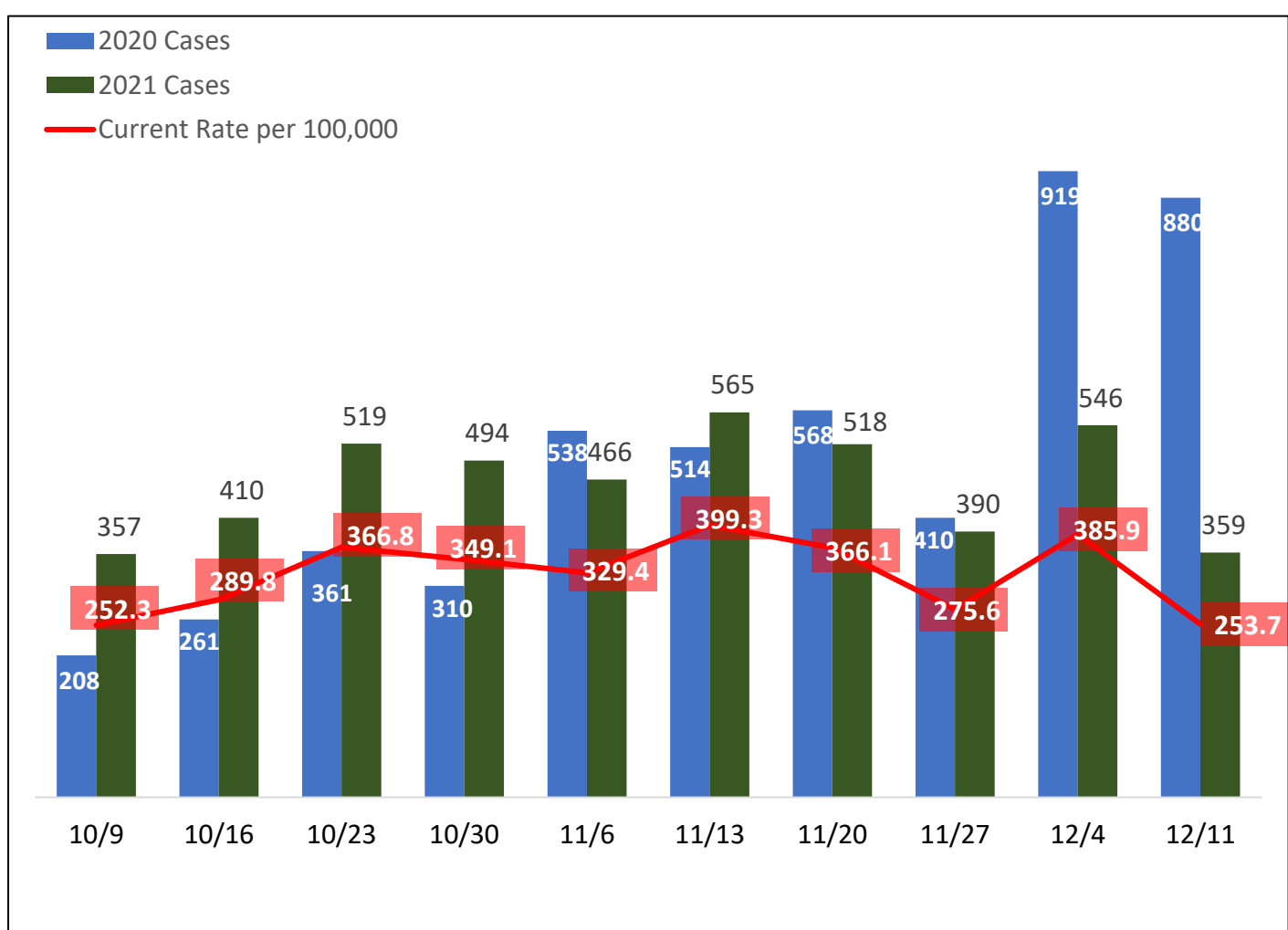
** CDC defines level of community transmission based on the highest-level indicator for the current reporting week.

Cumulative Counts (March 15, 2020 – December 11, 2021):



18,518.8 cases per 100,000 Coconino County Residents
vs.
18,416.9 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



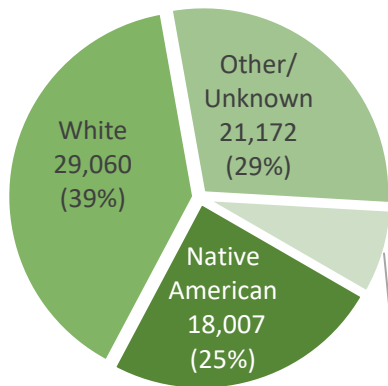
*Cases reported from 3/15/20-12/11/21

COVID-19 Situation Summary*

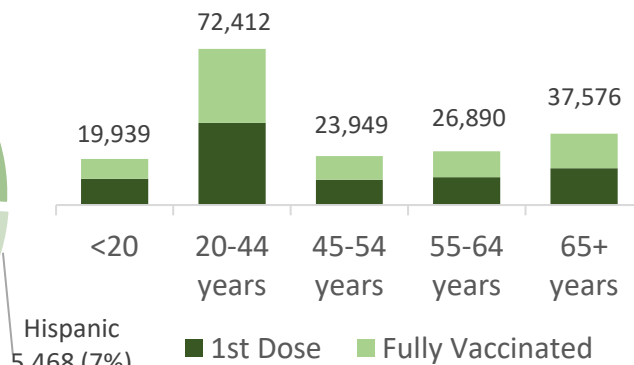
Please visit Vaccine Administration at azdhs.gov for additional Coconino County vaccine data.

COVID-19 Vaccinations Among Coconino County Residents:

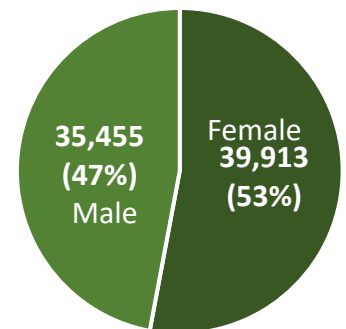
Fully Vaccinated by Race**



Vaccinations by Age

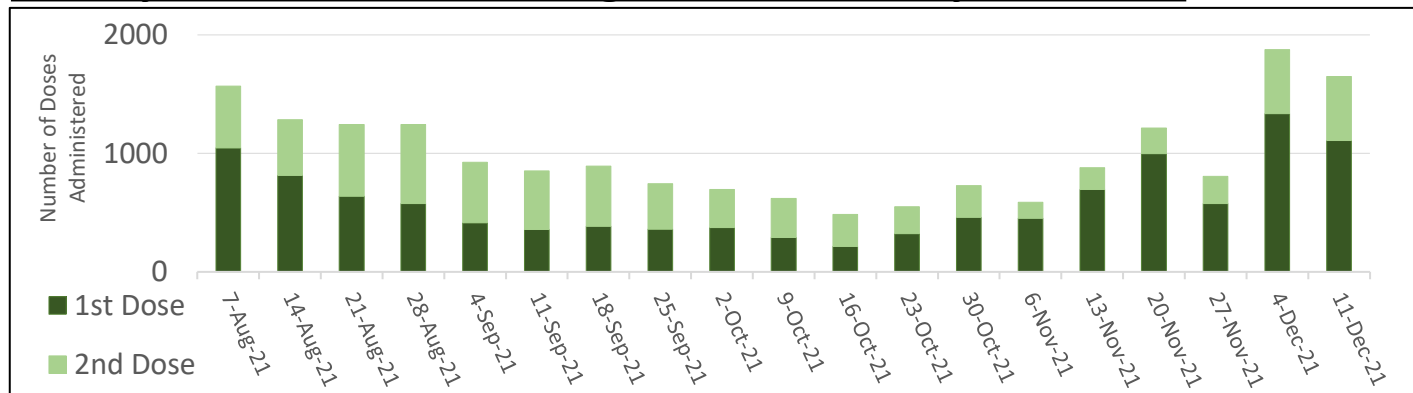


Fully Vaccinated by Sex



**The following races account for less than 2% of total vaccinations:
Asian or Pacific Islander (1,193) and Black or African American (561).

Weekly Vaccine Counts Among Coconino County Residents:



Vaccinations by Residency:

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Flagstaff	54,361	48,279	53,320
86001/ 86005	30,662	27,132	58,226
86004	22,678	20,249	59,251
86011	1,021	898	9,190

Location	At least one dose	Fully vaccinated	Fully vaccinated per 100,000 [†]
Page	6,029	5,727	80,143
Tribal Communities	16,722	14,870	65,518
Williams	2,719	2,436	45,145
Grand Canyon	1,805	1,597	71,486
Other Areas	2,834	2,552	35,190

[†]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.


*Vaccinations reported from 12/01/20-12/11/21 ⁴

COVID-19 Situation Summary*

Location:

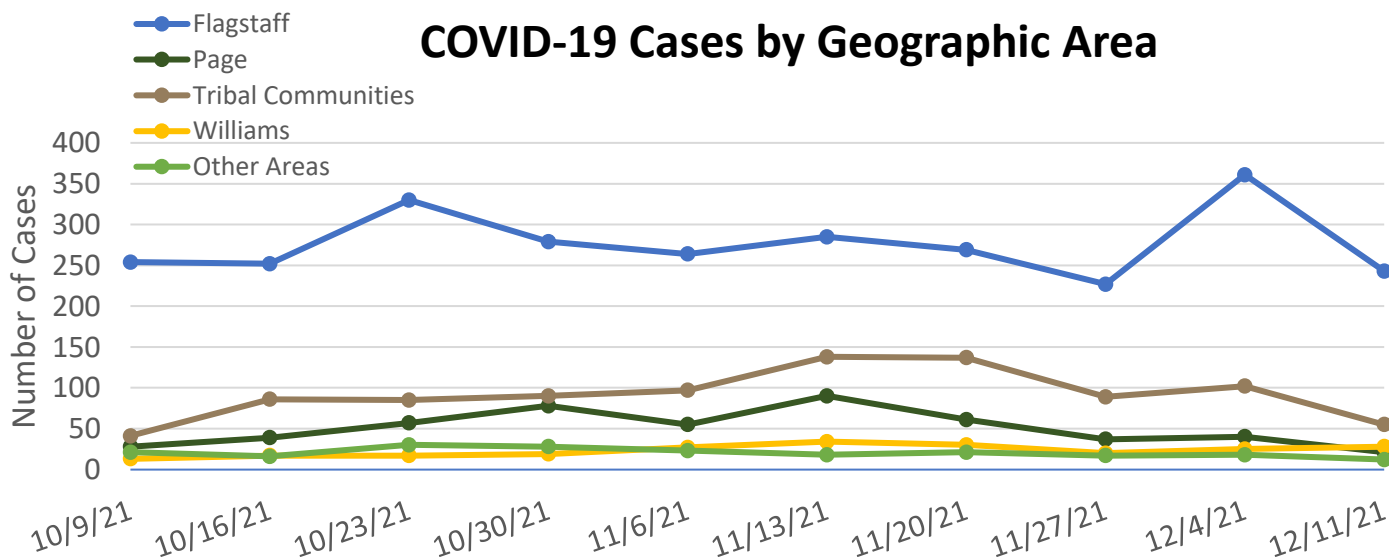
Location	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [†]
Flagstaff	16,051	16,814	9.7%	48,279	53.3%
Page	1,881	24,977	18.3%	5,727	80.1%
Tribal Communities	6,077	24,684	15.3%	14,870	65.5%
Williams	1,013	17,788	17.1%	2,436	45.1%
Grand Canyon	274	10,796	14.0%	1,597	71.5%
Other Areas	906	16,055	13.4%	2,552	35.2%

[†]Population estimates include residents aged 5 and older.
Vaccination data of Sedona residents have been excluded from Community calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

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Key Take Away

 - The highest **case incidence** for week 49 was observed in Tribal Communities with an incidence of 905.1 per 100,000.
 - The **lowest cumulative** percentage of the population **fully vaccinated** was observed in **Williams**.



*Cases reported from 3/15/20-12/11/21

Age:

Age	Positive Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of Population Fully Vaccinated [‡]
<20 years	6,230	15,266	12.2%	8,457	25.1%
20-44 years	12,400	23,755	11.8%	31,330	60.0%
45-54 years	2,870	19,538	12.8%	10,029	68.3%
55-64 years	2,497	15,048	11.5%	11,010	66.3%
65+ years	2,205	12,984	9.7%	14,635	86.2%

[‡]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Age calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

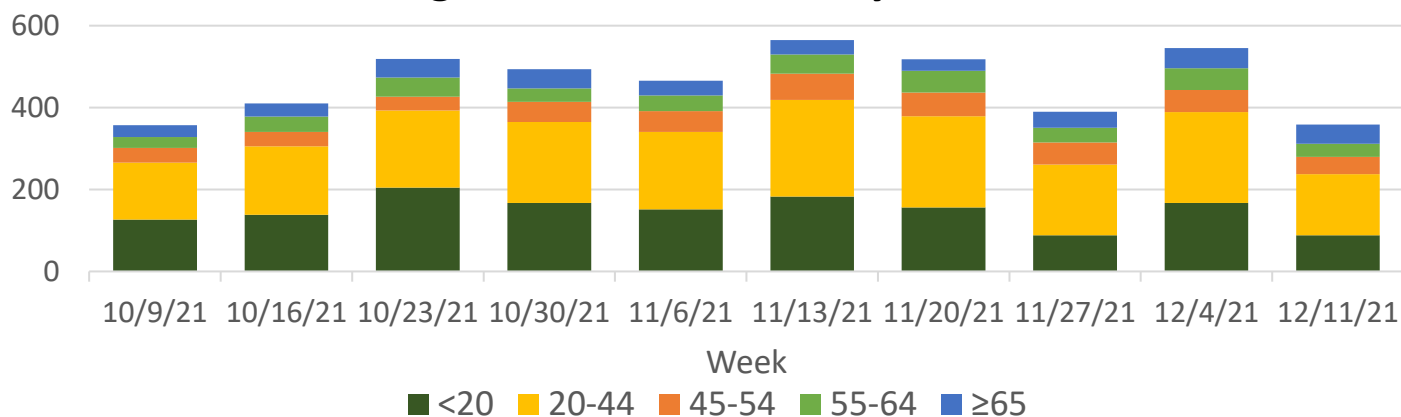
The median age of Coconino County COVID-19 cases is 30 years old



Key Take Away

- The highest **case incidence** for week 49 was observed among residents aged 20-44 and 45-54 with an incidence of 287 and 286 per 100,000, respectively.
- The highest **positivity yield** for week 49 was observed among residents aged 65+ with a positivity yield of 12.2%.
- The **highest** cumulative percentage of the population **fully vaccinated** was observed among residents aged 65+.

Age of Positive Cases by Week



Race/Ethnicity:

Race/ Ethnicity	Confirmed Cases	Case Incidence per 100,000	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Native American	9,295	25,539	18,007	49.5%
White	9,544	12,499	29,060	37.3%
Hispanic	3,901	19,573	5,468	28.2%
Black or African American	317	20,114	561	24.2%
Asian/ Pacific Island	354	12,322	1,193	37.1%
Other/ Unknown	2,791	N/A	21,172	N/A

[‡]Population estimates include residents aged 5 and older.

Vaccination data of Sedona residents have been excluded from Race/Ethnicity calculations due to limitations in identifying residents of Coconino and Yavapai Counties. The removal of this data has resulted in the decrease of fully vaccinated individuals reported.

Key Take Away

- The **lowest cumulative percentage** of the population fully vaccinated was observed in **Black or African American** residents. The **highest cumulative percentage** of the population fully vaccinated was observed among **Native American** residents.

Sex:

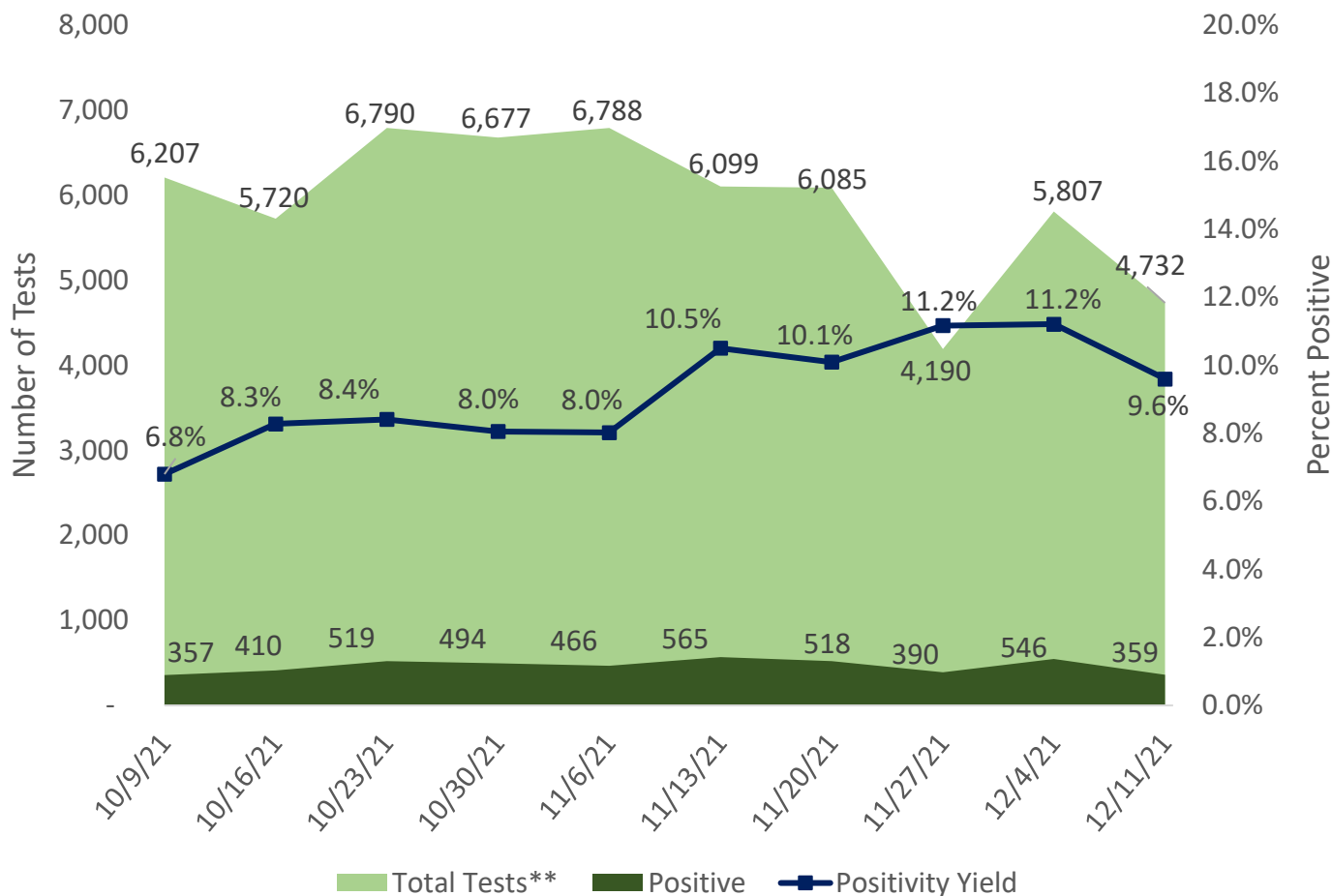
Sex	Confirmed Cases	Case Incidence per 100,000	Positivity Yield	Fully Vaccinated	% of the Population Fully Vaccinated [‡]
Female	13,438	18,798	10.7%	39,913	58.5%
Male	12,701	18,199	12.8%	35,455	53.7%

[‡] Population Estimates include residents aged 5 and older

Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 30% more tests than male residents.
- Male residents have higher testing positivity yields.

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

**Data was changed to display total tests per week rather than number of people tested per week.

COVID-19 Diagnostic Testing:

People Tested: A total of 118,189 Coconino County residents have been tested.

Tests Conducted: A total of 377,739 tests have been conducted among Coconino County residents.

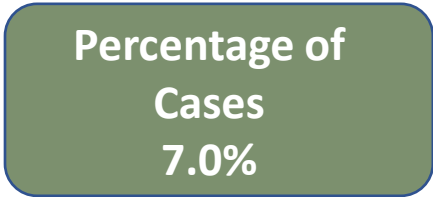
Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed 10,263**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

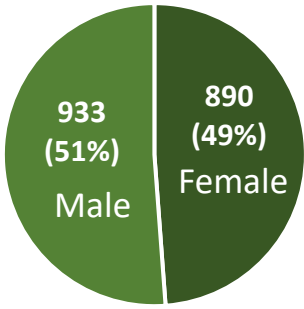
- **Currently being monitored: 76 (As of 12/11/2021)**
- **Total individuals monitored to date: 9,941**

Hospitalizations

(not all hospitals are currently reporting hospitalization data to Coconino County):

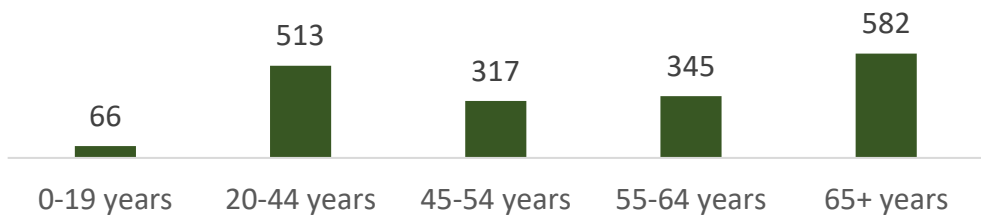


Sex



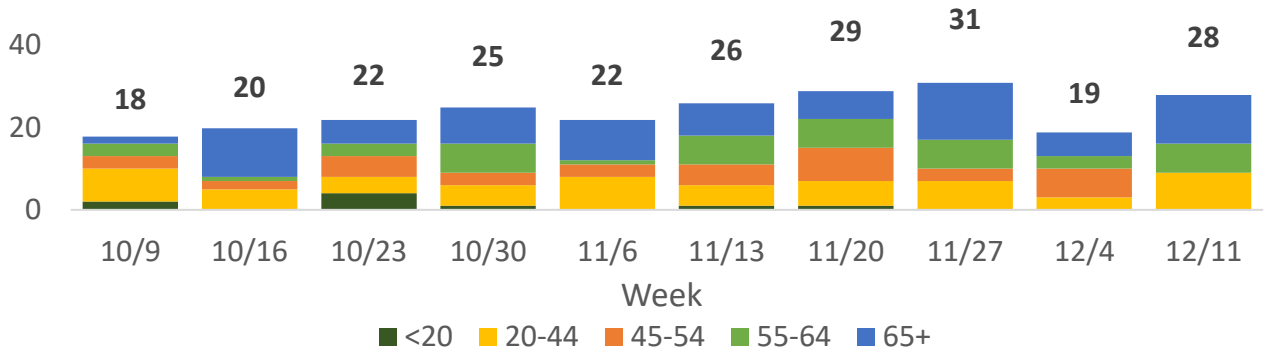
15% of hospitalized residents were in the ICU and 6% were intubated.

Hospitalized Coconino COVID-19 Patients by Age

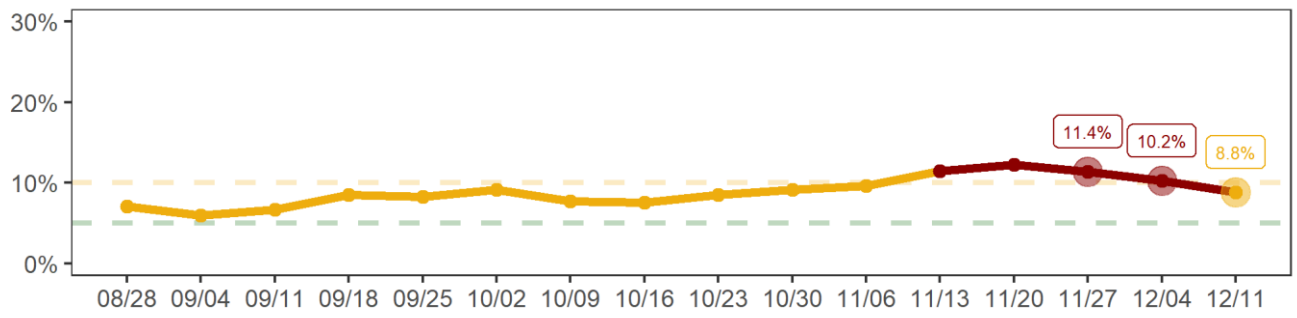


Weekly Case Counts Among Coconino County Residents:

Hospitalized Coconino COVID-19 Patients by Age



Hospital Visits with COVID-Like Illnesses Among Coconino County Residents:



*Cases reported from 3/15/20-12/11/21

CLI Graph represents data from hospital surveillance at the county level. Not all county hospitals are reporting CLI.

COVID-19 Situation Summary*

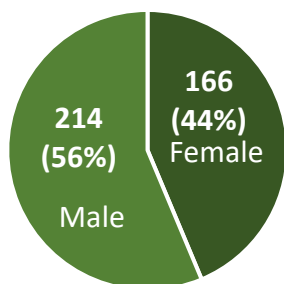
COVID-19 Related Deaths:

Percentage of
Cases
1.5%

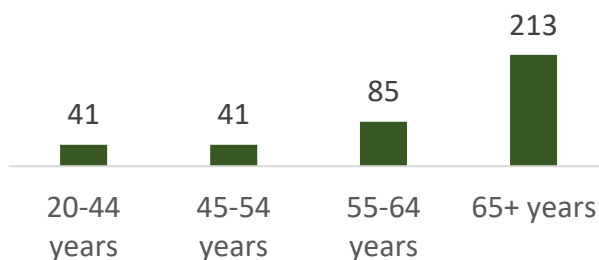
Deaths
380

Fatalities
Per 100,000
268.6

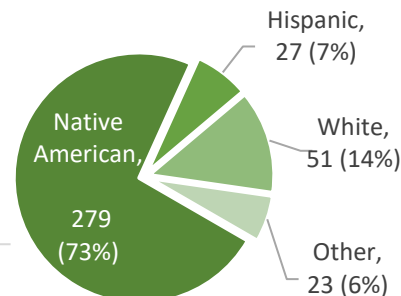
Sex



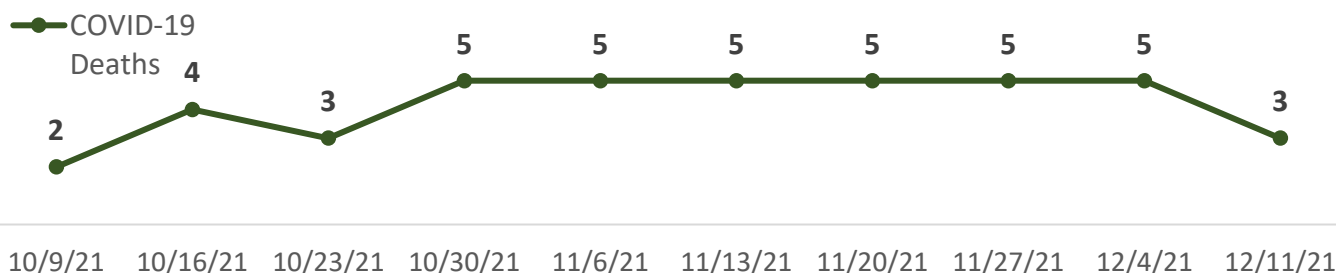
Coconino COVID-19 Deaths by Age



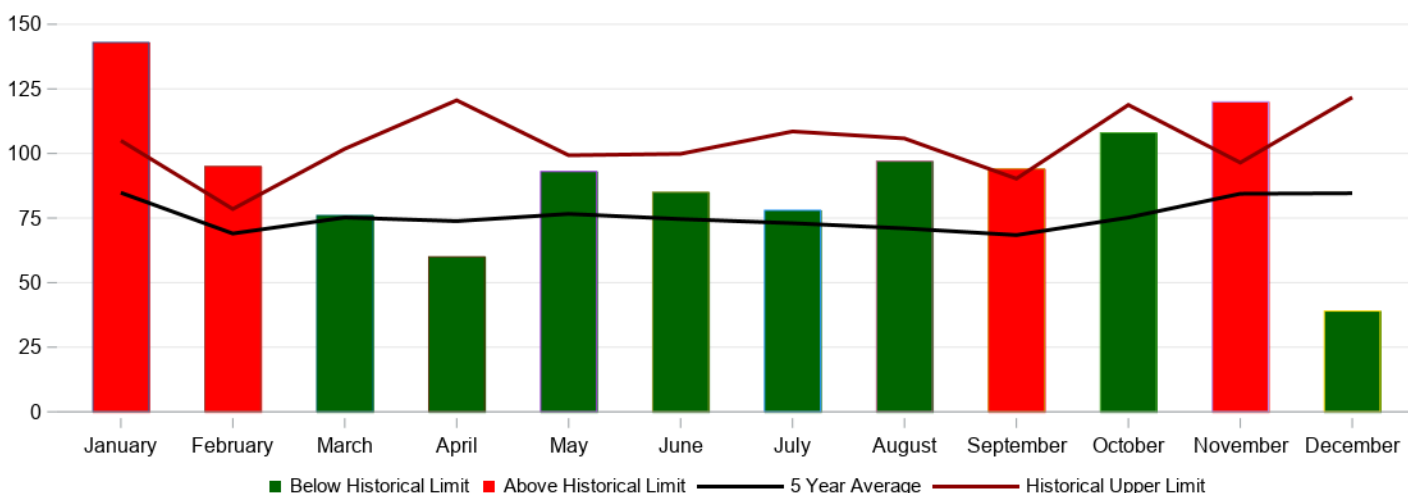
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2021 All Deaths Aberration



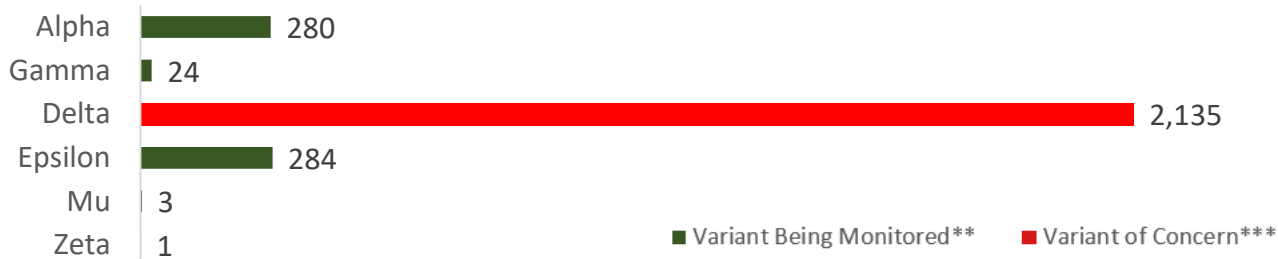
*Cases reported from 3/15/20-12/11/21

COVID-19 Situation Summary*

*Cases reported from 3/15/20-12/11/21

COVID-19 Variants:

Total Variants Being Monitored** and Variants of Concern***



****Variants Being Monitored** include variants for which there are data indicating a potential or clear impact on approved or authorized medical countermeasures or that has been associated with more severe disease or increased transmission but are no longer detected or are circulating at very low levels in the U.S, and as such, do not pose a significant and imminent risk to public health in the U.S.

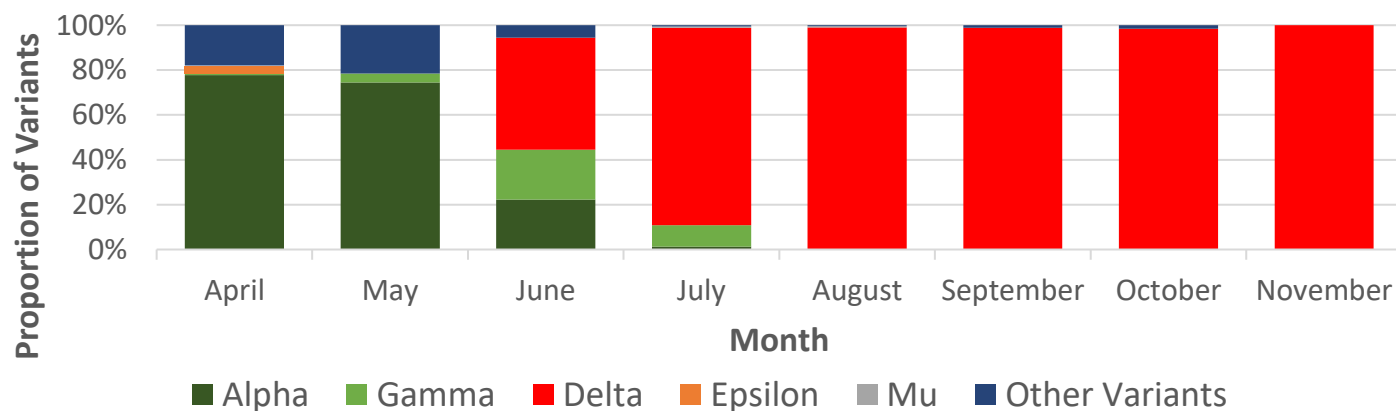
***** Variants of Concern** include variants for which there is evidence of an increase in transmissibility, more severe disease (e.g., increased hospitalizations or deaths), significant reduction in neutralization by antibodies generated during previous infection or vaccination, reduced effectiveness of treatments or vaccines, or diagnostic detection failures.

For more information about SARS-CoV-2 variants, please visit the CDC webpage:

[SARS-CoV-2 Variant Classifications and Definitions \(cdc.gov\)](https://www.cdc.gov/sars-cov-2/variant-classifications-and-definitions.html)

83% of identified variants of concern are among Flagstaff residents.

Variants Being Monitored and Variants of Concern by Month



3,905 positive SARS-CoV-2 samples from Coconino County residents have been sequenced by partnering laboratories to identify circulating variants.

Vaccine Breakthrough[‡]:

Total Vaccine Breakthrough Cases: 2,505

(9.6% of all cases)

Vaccine Breakthrough Cases with Variant of Concern: 572

(23% of vaccine breakthrough cases)

[‡]Defined as testing positive for COVID-19 after meeting the designation of fully vaccinated. Information received from report produced by ADHS. **For more information regarding variant testing in Arizona, please visit the TGen website:** [AZ COVID-19 Sequencing Dashboard \(tgen.org\)](https://tgen.org/AZ-COVID-19-Sequencing-Dashboard)